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NOV 9 2005  
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## Facsimile Transmission Form

Date: November 9, 2005

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From:	Robert D. Atkins	602-229-5690	602-229-5311
Re:	USSN: 10/624,217		

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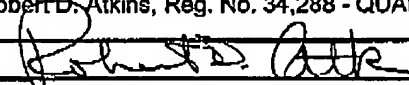
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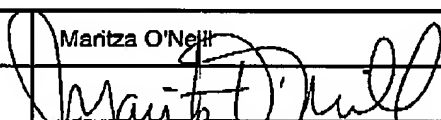
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<b>TRANSMITTAL FORM</b>  <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/624,217	
	Filing Date	July 21, 2003	
	First Named Inventor	Paul S. Kelm	
	Art Unit	1646	
	Examiner Name	To be assigned	
Total Number of Pages in This Submission	2	Attorney Docket Number	112624.00084

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks (1) Response To Notification To Comply With Requirements For Patent Applications Containing Nucleotide And/Or Amino Acid Sequence Disclosures; (2) Copy of Notice to Comply; and (3) Verification Statement		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual name	Robert D. Atkins, Reg. No. 34,288 - QUARLES & BRADY STREICH LANG LLP	
Signature		
Date	November 9, 2005	

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.		
Typed or printed name	Maritza O'Neill	
Signature		Date November , 2005

This collection of information is required by 37 CFR 1.5. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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1969693

NOV 09 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Paul S. Keim *et al.*  
Serial No. : 10/519,206  
Date of Filing : December 21, 2005  
Title : *A HIGH RESOLUTION TYPING SYSTEM FOR  
PATHOGENIC BORRELIA*  
Art Unit : To be assigned  
Examiner : To be assigned  
USPTO Customer No. : 26707  
Attorney Docket No. : 112624.00082

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**RESPONSE TO NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR  
PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID  
SEQUENCE DISCLOSURES**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Dear Sir:

In response to the Notice to Comply mailed October 26, 2005 in connection with the above patent application, Applicants hereby submit the following documents:

1. Copy of Notice to Comply mailed October 26, 2005; and
2. Verification Statement.

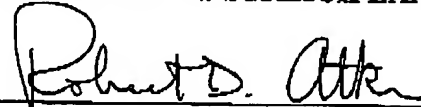
No fees are believed due with this filing. However, the Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 17-0055.

Application Serial No.: 10/624,217  
Keim *et al.*  
Submission of Sequence Listing in Response to Notification to Comply with Requirements

All formalities are now complete and Applicants request that this application proceed to examination.

Respectfully submitted,  
QUARLES & BRADY STREICH LANG, LLP

By: \_\_\_\_\_



Robert D. Atkins  
Reg. No. 34,288

**Address all correspondence to:**  
Robert D. Atkins  
Quarles & Brady Streich Lang LLP  
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Two North Central Avenue  
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## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
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 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/624,217	07/21/2003	Paul S. Heim	130588.91442 112624.00084

CONFIRMATION NO. 1047

FORMALITIES  
LETTER

26707

QUARLES & BRADY LLP  
 RENAISSANCE ONE  
 TWO NORTH CENTRAL AVENUE  
 PHOENIX, AZ 85004-2391

Date Mailed: 10/26/2005

# NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Filing Date Granted

Applicant is given **TWO MONTHS FROM THE DATE OF THIS NOTICE** within which to file the items indicated below to avoid abandonment. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

- This application does not contain a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). Applicant must provide such statement. If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000).

To Download Patent Software, visit <http://www.uspto.gov/web/patents/software.htm>  
 For questions regarding compliance to these requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patent Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patent Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Replies should be mailed to: Mail Stop Missing Parts  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria VA 22313-1450

QBSL IP Dept.

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A copy of this notice **MUST** be returned with the reply.

B. Heblenaid  
Office of Initial Patent Examination (571) 272-4000, or 1-800-PTO-9199, or 1-800-972-6382  
PART 1 - ATTORNEY/APPLICANT COPY

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Paul S. Keim *et al.*  
Serial No. : 10/624,217  
Date of Filing : July 21, 2003  
Title : *DNA FINGERPRINTING FOR CANNABIS SATIVA*  
*(MARIJUANA) USING SHORT TANDEM REPEAT (STR)*  
*MARKERS*  
Art Unit : 1645  
Examiner : To be assigned  
USPTO Customer No. : 26707  
Attorney Docket No. : 112624.00084

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VERIFICATION STATEMENT

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Dear Sir:

The undersigned, an attorney registered to practice before the U.S. Patent and Trademark Office and representing the applicants in the above-identified patent application does hereby state and affirm that the content of the printed sequence listing and the content of the sequence listing in computer readable form submitted with the above patent application on July 21, 2003, are one in the same.

Dated in Phoenix, Arizona, this 9 day of November 2005.

Respectfully submitted,  
**QUARLES & BRADY STREICH LANG, LLP**

By: 

Robert D. Atkins  
Reg. No. 34,288

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Robert D. Atkins  
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